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WATER SUPPLY OUTLOOK

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

for

UTAH

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE, and
STATE ENGINEER of UTAH

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah Agricultural Experiment Station, U.S. National Park Service, U.S. Geological Survey; and other Federal, State, and private organizations.

FEB. 1, 1966

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Water Supply Outlook Reports:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data or reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

Listed below are water supply outlook reports based on Federal-State-Private Cooperative snow surveys. Those published by the Soil Conservation Service may be obtained from Soil Conservation Service, Room 507, Federal Building, 701 N. W. Glisan, Portland, Oregon 97209.

	PUBLISHED BY SOIL	CONSERVATION SERVICE	
REPORTS	ISSUED	LOCATION	COOPERATING WITH
RIVER BASINS			
WESTERN UNITED STATES	MONTHLY (FEBMAY)	PORTLANO, OREGON	ALL COOPERATORS
BASIC DATA SUMMARY	OCTOBER 1	PORTLAND, OREGON	ALL COOPERATORS
STATES			
ALASKA	MONTHLY (MAR MAY)	PALMER, ALASKA	ALASKA S.C.D.
AR I ZON A	SEMI-MONTHLY (JAN.15 - APR.1)		SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
GOLORADO ANO NEW MEXICO	MONTHLY (FEBMAY)	- FORT COLLINS, COLORADO -	- COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IOAHO	MONTHLY (JANJUNE)_	BOISE. IOAHO	IDAHO STATE RECLAMATION ENGINEER
MONTANA	MONTHLY (JANJUNE)	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
NEVAOA	MONTHLY (JANMAY)	RENO, NEVAOA	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES - DIVISION OF WATER RESOURCES
ORE GON	MONTHLY (JANJUNE)	PORTLANO, OREGON	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH	MONTHLY (JANJUNE)_	SALT LAKE CETY, UTAH	. UTAH STATE ENGINEER
WASHINGTON	MONTHLY (FEB JUNE)_	SPOKANE, WASHINGTON	WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEBJUNE)	CASPER, WYOMING	WYOMING STATE ENGINEER
	PUBLISHED B	Y OTHER AGENCIES	
REPORTS	ISSUED		AGENCY
BRITISH COLUMBIA	MONTHLY (FEBJUNE)	WATER RESOURCE FOREST AND WATER VICTORIA, B.C.,	S SERVICE, DEPT. OF LANDS. RESOURCES, PARLIAMENT BLOG., CANADA
CALIFORNIA	MONTHLY (FEBMAY)	CALIF. DEPT. OF V SACRAMENTO, CALI	WATER RESOURCES, P.O. Box 388, F.

WATER SUPPLY OUTLOOK

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS for UTAH

FEBRUARY 1, 1966

Report prepared by

GREGORY L. PEARSON - PAUL KEIL

and

Patricia Paramore

SOIL CONSERVATION SERVICE SNOW SURVEY SECTION FEDERAL BLDG., ROOM 4012 SALT LAKE CITY UTAH 84111

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STATE ENGINEER

STATE OF UTAH

SALT LAKE CITY, UTAH

J.A. LIBBY

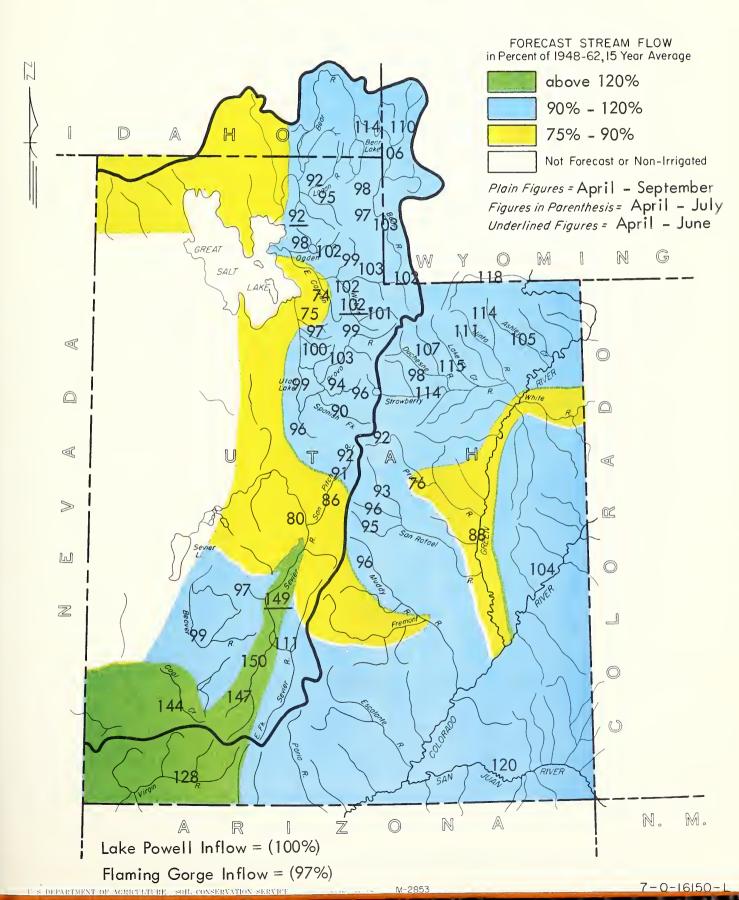
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH



PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS







WATER SUPPLY OUTLOOK

as of

FEBRUARY 4. 1966

Relatively dry January weather has lowered the prospects for the coming season's streamflow throughout most of the state. However, considering the excellent reservoir supplies carried over from last year, along with current streamflow prospects, the outlook for the summers water supply still remains good to excellent for most of Utah.

Increases in the snowpack during January varied from about one third to three fourths of usual amounts for the month.

The area where streamflow prospects are the highest still remains in southwestern Utah on the Virgin and Sevier rivers, and Coal Creek near Cedar City. The present snowpack is the highest it has been for this time of year since 1952. These streams are now expected to yield from about 130% to 175% of average flow. Inflow to the Sevier river from Kingston to Vermillion is forecast at 149% for the April-June period, with about 7,000 acre feet coming above the 400 second foot flow value. Below Vermillion, flow above 360 second feet will be about 1,500 acre feet plus whatever water may come from Gunnison reservoir. There is a good chance that the 89,280 acre feet of storage right in Sevier Bridge may be filled by the last of March.

The heavy snowpack near Cedar Breaks decreases rapidly to the north and east, with 5% to 15% above average water expected from Parowan Creek, the East Fork Sevier, Escalante and Paria rivers. This 5% to 15% above average condition also exists on most of the streams of the Uinta Basin.

The areas where forecasts are lowest - from about 75% to 90% of usual amounts - include East Canyon Creek near Morgan, Parley's Creek near Salt Lake, Price river near Heiner and streams near Farmington, Tooele, Fillmore, Salina, Ephraim and the Fremont river.



Streamflow forecasts for all the rest of the State range between 90% and 105% of average. This includes the Bear river and all its tributaries, the Weber, Ogden, Provo and other streams draining into Utah Lake, the San Rafael, Muddy and upper San Pitch tributaries, Scofield reservoir on Price river, and the higher elevation streams near Salt Lake.

Carryover effects from last year's excellent runoff season will be felt this year. Reservoir storage supplies are excellent and base flow of the streams is higher than a year ago and above median in most of the state. Moisture in the soils underlying the snowpack is average or above.

Storage in some of the smaller reservoirs of central and northern Utah is particularly high. Scofield and Moon Lake reservoirs are at a record level for this time of year. Scofield has 281% of the 1948-62 average storage and is at 79% of capacity. Moon Lake has 240% of average and 87% of capacity. Excluding Bear and Utah Lakes, storage in the remaining reservoirs of central and northern Utah is 181% of average and 55% of capacity. Bear Lake is at 133% of average and 83% of capacity. Utah Lake has 118% of average. Storage in the reservoirs of the Sevier and Beaver rivers in the southwest is 110% of average and 45% of capacity.

Since there is still another 40% to 45% of the average season's maximum snow-pack yet to come during February and March, a considerable change may yet take place in the water supply picture for next summer.



UIAN SIKEAMILUW FUKEGASIS (1,000 A	U. Pl.)				
FORECAST POINT	FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	AVERAGE b	THIS YEAR AS PERCENT OF AVERAGE
	GREAT BASIN				
BEAR RIVER SYSTEM					
Bear at Harer, Idaho Bear nr Randolph Bear nr Ut-Wyo State Line Bear:nr Woodruff Big Crk nr Randolph, Utah Blacksmith Fork nr Hyrum (4) Little Bear nr Paradise Logan nr Logan (3) Smith's Fork nr Border, Wyoming Woodruff Crk nr Woodruff, Utah	295 100 117 120 8.4 60 35 122 123	Apr-Sept Apr-Sept Apr-Sept Apr-Sept Apr-Sept Apr-June Apr-Sept Apr-Sept Apr-Sept	194 241 83 38 183 164	258 94 115 117 8.6* 63 38 133 112	95 92 92 110
WEBER-OGDEN RIVERS	•				
Chalk Crk at Coalville East Canyon Crk nr Morgan (7) Lost Crk nr Croydon, Utah Pineview Reservoir Inflow (8) So Fork Ogden nr Huntsville Rockport Reservoir Inflow (5) Weber nr Coalville (6) Weber nr Oakley	37 19 18 126 63 119 130 100	Apr-Sept Apr-Sept Apr-Sept Mar-July Apr-Sept Apr-July Apr-Sept Apr-June Apr-Sept	68 46 30 161 90 222 128 188	36 25.6 18.1 129 62 117* 128 100 123	103 74 99 98 102 102 100 101
PROVO RIVER & UTAH LAKE					
American Fork nr American Fork Hobble Crk nr Springville Payson Creek nr Payson Provo nr Hailstone (10) Provo at Vivian Park (11) Spanish Fork at Thistle Strawberry Reservoir Inflow (9) Utah Lake Inflow	32 20 7 108 148 36 48 280	Apr-Sept Apr-Sept Apr-Sept Apr-Sept Apr-Sept Apr-Sept Apr-Sept	42 48 381	33 21.2 7.3 109 144 40 50 282	97 94 96 99 103 90 96
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC Little Cottonwood Crk nr SLC Parley's Crk nr SLC	38 38 10	Apr-Sept Apr-Sept Apr-Sept	48 53 19	39 38 13.3	97 100 75

⁽¹⁾ Measured flow plus change in storage in Woodruff Narrows Reservoir. (2) Measured flow plus change in storage in Porcupine Reservoir. (3) Includes U.P.& L. Co. tailrace and Logan, Hyde Park & Smithfield Canal. (4) Above Utah Power & Light Company's dam. (5) Observed flow Weber River near Wanship, Utah, plus change in storage in Wanship Reservoir, plus diversion by Weber-Provo Canal. (6) Includes diversion by Weber-Provo Canal and change in storage in Wanship Reservoir. (7) Observed flow plus change in storage in East Canyon Reservoir. (8) Inflow record as computed by U.S. Bureau of Reclamation. (9) Change in storage plus diversion thru Strawberry tunnel. (10) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal. (11) Observed flow plus change in storage in Deer Creek reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal, plus diversion thru Salt Lake Aqueduct.



UTAH STREAMFLOW FORECASTS a (1,000 Ac. Ft.)

OTAL STREAMTEDW TOREDASTS (1,000 AC. (1,)	FORECAST	FORECAST	LAST	, T	HIS YEAR
FORECAST POINT	THIS YEAR	PERIOD	YEAR	AVERAGE D AS	PERCENT AVERAGE
SEVIER RIVER					
Clear Crk nr Sevier(abv.Div.) East Fork Sevier nr Kingston (12)	12.5 18 22	Apr-June Apr-June Apr-Sept		12.9* 15.8 19.8	97 114 111
Inflow					
Kingston to Vermillion Dam (See Vermillion Dam to Gunnison Note below)	58 57	Apr-June Mar-June		39 59	149 97
Salina Crk at Salina (14) Sevier nr Circleville Sevier nr Gunnison a(See note below) Sevier at Hatch Sevier nr Kingston	7 60 44 46 66 37	Apr-June Apr-Sept Apr-Sept Apr-June Apr-Sept Apr-June	68	8.3* 40* 55 32 45 21.0	84 1 <i>5</i> 0 80 144 147
Sevier below Piute Dam (13)	42 63	Apr-Sept Apr-Sept		25.5 45	165 140
SAN PITCH RIVER					
Ephraim Creek nr Ephraim Pleasant Crk nr Mt. Pleasant Twin Crk nr Mt. Pleasant	13 8.9 4.3	Apr-Sept Apr-Sept Apr-Sept		15.2 9.7* 4.7*	86 92 91
BEAVER RIVER					
Beaver nr Beaver Rockyford Reservoir Inflow(15)	17.5 24 5	Apr-June Apr-Sept Apr-June	16.5 28.4		97 99 64
COAL CREEK					
Coal Crk nr Cedar City	23	Apr-Sept		16.0	144
CO	LORADO RI	VER BASIN			
GREEN RIVER TRIBUTARIES IN UTAH					
FLAMING GORGE TO DUCHESNE RIVER					
Ashley Creek nr Vernal Henry's Fork at Linwood	59 40	Apr-Sept Apr-Sept		56 34	10 <i>5</i> 118

Note: Any flow from the Gunnison reservoir will be over and above this amount.

⁽¹²⁾ Observed flow plus change in storage in Otter Creek Reservoir. (13) Observed flow plus change in storage in Otter Crk & Piute Reservoirs. (14) Gage is below diversions near Salina. (15) Observed flow at Rockyford Dam, corrected for change in storage in Rockyford Reservoir. (16) Observed flow plus diversion through Duchesne Tunnel.



UTAH STREAMFLOW FORECASTS a (1,000 Ac. Ft.)

UTAH STREAMFLOW FORECASTS " (1,000 Ac. Ft.)					
FORECAST POINT	FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	VERAGE AS	HIS YEAR PERCENT AVERAGE
DUCHESNE RIVER					
Duchesne at Provo River (Trail nr Hanna) Duchesne nr Tabiona (16) Lakefork below Moon Lake (17) Rock Crk nr Mtn. Home Strawberry at Duchesne Uinta nr Neola Whiterocks nr Whiterocks Yellowstone nr Altonah	34 112 83 109 82 105 72	Apr-Sept Apr-Sept Apr-Sept Apr-Sept Apr-Sept Apr-Sept Apr-Sept		35* 114 72 102 72 95 63 73	97 98 115 107 114 111 114
PRICE RIVER					
Gooseberry Crk nr Scofield Price nr Heiner (18) Scofield Reservoir Inflow (18)	10.7 52 34	Apr-Sept Apr-Sept Apr-Sept	15.1	11.9 68 37	90 76 92
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville Ferron Crk nr Ferron Huntington Crk nr Huntington	53 40 52	Apr-Sept Apr-Sept Apr-Sept	96 63 85	55 42 56	96 95 93
MUDDY RIVER					
Muddy Creek nr Emery	22	Apr-Sept	31	22.8*	96
VIRGIN RIVER					
Virgin at Virgin	55	Apr-June		43	1 28
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah Flaming Gorge Inflow (19) Lake Powell Inflow (8) Green at Green River, Ut. (19) San Juan nr Bluff, Utah (20)	3950 1100 7700 2950 1410	Apr-Sept Apr-July Apr-July Apr-Sept Apr-Sept	5442 1251 11810 2090	3789 1129 7692 336 8 1172	104 97 100 88 120

GENERAL FOOTNOTES

⁽¹⁷⁾ Observed flow plus change in storage in Moon Lake Reservoir. (18) Observed flow plus change in storage in Scofield Reservoir. (19) Observed flow plus change in storage in Flaming Corge, Fontenelle and Big Sandy Reservoirs. (20) Observed flow plus change in storage in Navajo Reservoir. (21) Observed flow at Lee's Ferry plus change in storage in Flaming Gorge, Navajo, Lake Powell, Fontenelle and Fig Sandy.

⁽a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U.S. Geological Survey. (b) 1948-62, 15 year period. *Partly estimated.



RESERVOIR STORAGE (1,000 Ac. Ft.)

BASIN or STREAM RESERVOIR			USABLE CAPACITY	MEASUF THIS YEAR	RED (FIRST OF MON	TH)
	EAT BASIN		71110 1231	EAST TEAR AV	ENAGE	
Bear River	Bear Lake Woodruff Nar		21.0	1172.6 17.7	905.7 17.2	883.7
Little Bear	Hyrum Porcupine		5.3 1.3	10.6	6.7 2.2	10.1
<u>Ogden</u>	Causey Pineview	11	7.1 0.0	1.1 71.2	71.4	8.9
<u>Weber</u>	East Canyon Echo Rockport Willard Bay	- - -	28.7 73.9 59.1 5.0	2.2 59.0 48.1 80.9	0.0 50.7 42.4 52.0	12.4 26.8 15.1*
Provo	Deer Creek	14	19.7	111.9	118.3	91.4
Spanish Fork	Strawberry	27	70.0	115.2	61.5	133.0
Utah Lake	Utah Lake (b) 11 ^L	+9.0	696.5	403.0	542.6
Sevier River	Otter Creek Piute Sevier Bridg	-	52.5 74.0 36.0	26.4 39.2 96.2	15.1 24.8 41.3	23.3 31.7 92.2
Beaver River	Rocky Ford	:	23.3	11.9	6.9	10.7
	<u>C</u> (OLORADO RIVER	DRAINAGE	<u> </u>		
Ashley Creek	Steinaker	:	33.3	19.1	14.1	
Lake Fork	Moon Lake	:	35.8	31.2	10.0	13.0
Price River	Scofield	6	55.8	51.9	13.0	18.5
Green	Flaming Gorg	e 378	39.0 d	2414.3	968.7	
San Juan	Navajo	1 70	9.0 d	283.6	329.8	
Colorado	Lake Powell	2700	0.0 d	8804.0	6197.0	

^{* -} Average for 1957-62 inclusive.

All data contained in this table supplied by the U.S. Geological Survey.

⁽a) 1948-62 average. (b) Active capacity taken at 3.1 feet above compromise point. (c) Partly estimated.

⁽d) Total capacity reported.



RIVER BASIN or TRIBUTARY WATERSHED

NO. of COURSES AVERAGE THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :

LAST YEAR AVERAGE *

GREAT BASIN

		88
	45	73
6	5 5	89
6	72	96
2	41	74
5	66	91
8	49	83
2	63	112
	49	83
2		74
4	48	83
s 1	54	73
2	66	88
7	56	89
3	67	92
4	50	75
2	<i>5</i> 7	80
3	127	137
4	143	103
2	40	66
2	58	78
2	43	67
	78	93
3	170	168
	2 5 8 2 3 2 4 1 2 7 3 4 2 3 4 2 2 2 3	3 45 6 55 6 72 2 41 5 66 8 49 2 63 3 49 2 48 1 54 2 66 7 56 3 67 4 2 57 3 127 143 2 40 2 58 2 43 3 78

COLORADO RIVER BASIN

Duchesne-Strawberry Rivers	5	61	97
Lakefork River	2	7 <i>5</i>	1 20
Whiterocks-Uintah Rivers	3	91	112
Price River	5	58	91
San Rafael Tributaries	6	51	96
Escalante River	3	145	100
Virgin River	4	144	145



GREAT BASIN DRAINAGE

UPPER BEAR RIVER (Above Harer, Idaho)							
Big Park CCC Camp x Monte Cristo R.S. Piney LaBarge x Salt River Summit x Trial Lake x	10G11 10G7 11H12 10G10 10G8 10J8	8700 7500 8960 8820 7900 9 8 00	1/28 1/28 1/28 1/29 1/27 1/28	39 28 52 37 35 49	11.2 5.4 15.8 11.1 8.5 14.6	25.0 13.4 25.0 28.5 16.6 28.4	10.3* 7.8 16.0* 12.4* 10.2* 16.5*
LOWER BEAR RIVER (Below Harer, Idaho)							
Beaver Crk-Skunk Crk.x Christensen Ranch Cub River R.S. Dry Basin A Dry Bread Pond x Dry Creek Flat Emigrant Summit Garden City Summit Horseshoe Basin A Klondike Narrows Liberty Spring Monte Cristo R.S. Oxford Mountain Steep Hollow #1 Steep Hollow #2 Strawberry Creek Strawberry Mink Divide Tony Grove R.S. Willow Flat	11H14 11G11 11G12 11G13 11H13 12G4 11G6 11H7 11G14 11H1 11G15 11H12 12G3 11H27 11H28 11G9 11G10 11H3 11G4	7150 5600 5400 7900 8230 6350 7700 7600 8000 7400 8420 8960 6800 7700 5800 6250 6100	1/28 1/28 1/31 1/29 1/28 1/31 1/26 1/29 1/26 1/29 1/26 1/28 1/31 1/26 1/26 1/26 1/28 2/4 1/26 2/1	30 22 23 72 43 17 45 43 48 46 73 52 21 74 58 22 37 30 34	7.9 5.1 5.0 18.2A 12.2 4.0 11.4 11.3 12.1A 12.0 18.5A 15.8 4.4 21.2 15.6 5.0 9.2 7.1 7.8	10.8 7.5 6.6 37.8A 15.7 8.0 29.4 17.0 30.9 22.3 46.8 25.0 12.0 42.4 34.0 11.2 24.4 15.4	8.0* 6.4* 6.5* 11.3* 4.7* 12.5* 13.5* 16.0* 6.2* 23.0* 17.5* 7.7* 13.5* 8.4 9.7*
OGDEN RIVER	ı						
Beaver Crk-Skunk Crk. Ben Lomond(lower) Ben Lomond Peak Ben Lomond Trail Cutler Creek Dry Bread Pond Monte Cristo R.S. Sagebrush Flat	11H14 11H9 11H8 11H30 11H29 11H13 11H12	7150 5850 8000 6000 6780 8230 8960 6300	1/28 1/27 1/27 1/27 1/27 1/28 1/28 1/27	30 36 63 39 52 43 52 18	7.9 6.7 19.4 8.3 13.2 12.2 15.8 3.8	10.8 11.9 33.5 13.8 26.2 15.7 25.0 3.9	8.0* 10.7* 22.0* 11.3* 16.0* 4.2*

SNOW			CUF	RRENT INFOR	MATION	PAST F	RECORD
DRAINAGE BASIN and SNOW			DATE OF	SNOW DEPTH	WATER CONTENT		TENT (Inches)
NAME	NO.	ELEVATION	SURVEY	(Inches)	(Inches)	LAST YEAR	AVERAGE
WEBER RIVER							
Beaver Creek R.S.	11J24	7500	1/28	20	4.9	10.3	6.2%
Chalk Creek #2	11J2	8000	1/26	36	9.7	15.1	8.5*
Chalk Creek #3	11J3	7500	1/26	22	5.2	8.4	4.7%
Farmington Canyon(lower)	11J12	6950	1/28 1/28	35 51	9.2 14.6		15.0%
Farmington Canyon(upper) Lamb's Canyon x	11J11 11J1 4	8000 6 6 00	$\frac{1}{20}$	27	7.0	15.6	16.8* 9. <i>5</i> *
Parley's Canyon Smt.	11J1 4	7500	1/29	33	8.4	21.4	11.6*
Silver Lake x	11J16	8725	1/28	53	16.5	26.4	16.0
Smith & Morehouse	11J4	7600	1/27	31	8.7	13.3	7.8*
Trial Lake x	10J8	9800	1/28	49	14.6	28.4	16.5*
PROVO RIVER & UTAH LAKE							
Camp Altamont	11J20	7300	1/28	29	9.0	15.4	11.9
Clear Creek Ridge #2	11K22	8000	1/26	31	7.2	14.4	8.9*
Clear Creek Ridge #3	11K23	6600	1/26	17	3.1	8.9	5.2*
Daniels-Strawberry Smt.	11J23	8000	1/27 1/31	35 29	9.4 7.8	13.2	10.1
East Portal Payson R.S.	11J7 11K1	7560 80 <i>5</i> 0	1/27	35	10.2	11.4 14.8	8.1 10 <i>.5</i> *
Rock Bridge	11K1	6750	1/27	21	4.9	10.9	7.8*
Soapstone R.S.	11J25	7800	1/28	28	6.9	16.6	8.0*
South Fork R.S.	11J19	6100	1/28	8	2 . 8	5.5	5.9
Strawberry Divide	11J8	8000	1/31	41	11.7	18.8	13.3
Timpanogos Cave Camp	11J18	5500	1/27	4	0.5	3.3	2.8
Timpanogos Divide	11J21	8140 9800	1/28 1/28	51 49	17.5 14.6	24.1 28.4	17.6
Trial Lake	1 0 J8	9000	1/20	47	14.0	20.4	16.5*
JORDAN RIVER & TOOELE VAL	LEY						
Lamb's Canyon	11J14	6600	1/27	27	7.0	15.6	9.5*
Middle Canyon	12J3	7000	1/28	22	6.2	11.4	8.5*
Mill D South Fork	11J10	7400	1/28 1/29	37 33	10.0 8.4	21.1 21.4	12.0%
Parley's Canyon Smt. x Silver Lake	11J15 11J16	7500 8725	1/28	53	16.5	26.4	11.6* 16.0
UPPER SEVIER RIVER		0/2)	-,			20. 4	10,0
(South of Richfield, Utah	1)						
Big Flat x	12L7	10290	1/27	32	9.2	13.1	10.6*
Bryce Canyon	12M8	8000	1/28	19	4.3	3.1	3.8*
Duck Creek R.S.	1 2M4	8560	1/31	47	13.0	10.0	9.0%
Harris Flat R.S.	12M5	7700	1/31 1/31	28 Tra	6.2	6.2	5.7*
Long Valley Junction x	12M6	7500	1/31	70	19.9	2.6	3.2*
Midway Valley Widtsoe-Escalante Smt.	1 2M2 1 1 M 1	9800 9500	1/31	23	5.5	13.1 4.4	12.5* 5.1
Widtsoe-Escalante #2	11M1	9500	7 /07	28	6.4	4.7	6.8*
Widtsoe-Escalante #3	11M3	9500	1/31	35	9.0	5.2	9.3*
•		-				-	_



DRAINAGE BASIN and SNOW	COURSE		DATE OF	SNOW DEPTH	WATER	WATER CON	TENT (Inches)
NAME	NO.	ELEVATION	SURVEY	(Inches)	CONTENT (Inches)	LAST YEAR	AVERAGE a
LOVED OFFICE DIVER							
LOWER SEVIER RIVER (Including San Pitch River	-)						
(Therading San Freen Kive							
Farnsworth Lake	11L1	9900	1/27	27	5.8	15.4	9.5%
G.B.R.C. Headquarters	11K11	8700	1/28	26	5.3	14.5	9.0*
G.B.R.C. Meadows	11K10	10000	1/28 1/27	39 2 0	10.7 4.2	22.4	14.5%
Gooseberry R.S. Gooseberry Reservoir x	11L2 11K4	8400 8700	1/26	35	8.7	10.0 15.9	5.9* 11.8*
Mammoth R.SCtnwd. Crk.	11K3	8800	1/26	39	10.0	16.6	12.2*
Shingle Mill	12L11	6200	1/28	14	2.4	5.0	
BEAVER RIVER							
Big Flat	12L7	10290	1/27	32	9.2	13.1	10.6%
Merchant's Valley	12L9	8200	1/27	23	5.7	6.9	5.8%
Otter Lake	12L8	9300	1/27	30	8.1	10.0	8.7*
COAL CREEK							
CSU Ranch	12M17	8200	1/31	36	8.2	New (Course
Midway Valley x	1 2M2	9800	1/31	70	19.9	1,31	12.5*
Urie Flat	12M10	8450	1/31	33	8.2	5.1	4.7*
Webster Flat	12M3	9200	1/31	60	16.7	8.5	9.8*
PAROWAN CREEK							
Birch Crossing	12M16	8100	1/28	16	3.7		Course
Brian Head	12M14	10400	1/28	44	13.5	New (Course
Ed Ward Flat Tall Poles	12M12 12M15	8300 8800	1/28 1/28	21 32	5.1 8.2	New 1	 Course
Yankee Reservoir	12M11	8700	1/28	26	6.3		_
UPPER GREEN RIVER IN UTAH	С	OLORADO	RIVER DR	AINAGE			
(Tributaries above Flaming	Gorge)	Simb					
Buck Pasture A	10J23	9700	Delayed			21.0A	
Henry's Fork A	10J24	10200	Delayed			11.0A	
Steel Creek Park A	10J20	9900	Delayed	Report		17.5A	
DUCHESNE RIVER							
Ashley Twin Lakes A	9J11	10500	Delayed			13.5A	
Atwood Basin A	10J27	10250	Delayed	_			
Chepeta-Whiterocks LksA	919	10300	Delayed 1/27	Report 35	9.4	12.0	10 1
Daniels-Strawberry Smt. x East Portal x	11J23	8000 7560	1/31		7.8	13.2 11.4	10.1 8.1
Five Point Lake A	10J26	11000	Delayed				
Indian Canyon	10K1	9100	1/28	36	10.2	13.7	8.2
Julius Park	916	9800	1/28	36	9.2	10.3	8.9*

PAST RECORD

CURRENT INFORMATION

SNOW



011011			COIL	IVEIAT HALOIK	IVIATIOIV	TAST	LCOND
DRAINAGE BASIN and SNOW	COURSE NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONT	ENT (Inches)
NAME	NO.	ELEVATION	0021	(, , , , , , , , , , , , , , , , , , ,	(inches)	CAST TERM	AVENAGE
DUCHESNE RIVER - Continue	d						
Lakefork Basin A Lakefork Mountain Lakefork Mountain #2 Lakefork Mountain #3 Mosby Mountain Paradise Park Reynolds Park A Soapstone R.S. x Strawberry Divide Trial Lake Windy Park A	10J25 10J10 10J11 10J12 9J5 9J3 9J10 11J25 11J8 10J8 9J12	11100 10500 8900 8100 9500 10100 10400 7800 8000 9800 9400	Delayed 2/1 2/1 2/1 1/28 1/28 Delayed 1/28 1/31 1/28 Delayed	34 26 24 32 37 Report 28 41 49	8.3 6.5 5.5 8.1 9.7 6.9 11.7 14.6	11.2 8.7 7.3 9.2 10.1 16.6 18.8 28.4 7.3	7.3* 5.2* 4.2* 6.8* 8.4* 8.0* 13.3 16.5*
PRICE RIVER							
Clear Creek Ridge #2 x Dry Valley Divide Gooseberry Reservoir Indian Canyon x Jones Ranch Mammoth R.SCtnwd. Crk.x Mud Creek #2	11K22 11K8 11K4 10K1 11K7 11K3 11K33	8000 7800 8700 9100 7600 8800 8300	1/26 1/27 1/26 1/28 1/27 1/26 1/27	31 25 35 36 19 39 31	7.2 6.0 8.7 10.2 4.0 10.0 7.4	14.4 11.7 15.9 13.7 8.0 16.6 14.9	8.9* 7.0* 11.8* 8.2 5.1* 12.2* 8.1*
SAN RAFAEL RIVER							
Buck Flat G.B.R.C. Meadows x Gooseberry Reservoir Red Pine Ridge Rush Pond Upper Joe's Valley Wrigley Creek	11K31 11K10 11K4 11K28 11K38 11K29 11K32	9400 10000 8700 9400 9800 8800 9000	1/26 1/28 1/26 1/31 1/26 1/31 1/26	30 39 35 39 29 26 29	7.2 10.7 8.7 9.8 6.8 5.8 7.0	16.6 22.4 15.9 18.7 14.9 12.8 11.1	8.4* 14.5* 11.8* 9.8* 7.8* 5.3* 5.8*
FREMONT RIVER							
Farnsworth Lake x	11L1	9900	1/27	27	5.8	15.4	9.5*
ESCALANTE RIVER							
Widtsoe-Escalante Smt. Widtsoe-Escalante #2 Widtsoe-Escalante #3	11M1 11M2 11M3	9500 9500 9500	1/31 1/31 1/31	23 28 35	5.5 6.4 9.0	4.4 4.7 5.2	5.1 6.8* 9. 3 *
VIRGIN RIVER							
Duck Creek R.S. Harris Flat R.S. Long Valley Junction Midway Valley x Webster Flat	1 2M4 1 2M5 1 2M6 1 2M2 1 2M3	8560 7700 7500 9800 9200	1/31 1/31 1/31 1/31 1/31	47 28 Trace 70 60	13.0 6.2 Trace 19.9 16.7	10.0 6.2 2.6 13.1 8.5	9.0* 5.7* 3.2* 12.5* 9.8*

PAST RECORD

CURRENT INFORMATION

SNOW



PRECIPITATION DATA (Inches)

	T	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 ~ 62 AVERAGE	PERCENT OF AVERAGE
	GREAT	BASIN DR					7122
UPPER BEAR RIVER (Above Harer, Idaho)							
Chalk Creek #2* Chalk Creek #3* Monte Cristo #2 Salt River Summit Trial Lake* LOWER BEAR RIVER	8000 7500 8960 7900 9800	1/26 1/26 1/28 1/27 1/28	 3.00 2.43	 3.65 4.50	9.39 7.70 15.96 8.10 13.68	10.65 18.10 11.40 15.55	88 88 71 88
(Below Harer, Idaho) Dry Bread Pond Garden City Summit Klondike Narrows Monte Cristo #2 Tony Grove R.S. Willow Flat	8230 7600 7400 8960 6250 6100	1/28 1/26 1/26 1/28 1/26 2/1	2.52 3.93 2.39 2.61	 3.85 4.80 	14.09 11.13 14.50 15.96 11.49 12.54	13.95 12.10 15.00 18.10 15.40	101 92 97 88 82
OGDEN RIVER							
Ben Lomond(lower) Ben Lomond Trail Causey Dam Dry Bread Pond Monte Cristo #2* Sagebrush Flat	5850 6000 5500 8230 8960 6300	1/27 1/27 1/28 1/28 1/28 1/28	5.78 6.72 3.72 	5.70 5.92 	16.90 17.98 8.44 14.09 15.96 8.93	16.30 17.05 13.95 18.10 9.35	104 105 101 88 96
WEBER RIVER							
Chalk Creek #2 Chalk Creek #3 Farmington Guard Sta.(1) Farmington Rice (1) Parley's Canyon Smt. Silver Lake(Brighton)*(2) Smith & Morehouse Trial Lake*	8000 7500 7500 7000 7500 8725 7600 9800	1/26 1/26 1/28 1/28 1/29 1/31 1/27	 1.95 1.87 2.41 2.61 4.30 2.43	5.60a 5.13a 4.05 5.39a 3.60 4.50	9.39 7.70 15.19 13.75 9.74 16.35 10.82 13.68	10.65 19.00a 17.12a 13.50 18.37a 11.90 15.55	88 80 80 72 89 91 88



DRAINAGE BASIN	ELEVATIO		CURRENT INFORMATION DATE OF MONTH'S 1948-62		FROM APPROX. 10/1 T		TO DATE		
AND RAIN GAGE LOCATION		READING	PRECIPITATION	AVERAGE	THIS YEAR	AVERAGE	AVERAGE		
PROVÓ RIVER & UTAH LAKE				а		a			
Clear Creek Ridge #2 Daniels-Strawberry Smt. East Portal Ridge Payson R.S. Soapstone R.S. Strawberry ResE.Portal Timpanogos Divide Trial Lake	8000 8000 7800 8050 7800 7606 8200 9800	1/26 1/27 1/31 1/27 1/28 1/31 1/28 1/28	1.26 2.25 3.72 1.80 1.25 2.37 2.43	3.50 3.50 3.15 2.24a 5.53a 4.50	8.75 10.61 10.07 9.99 9.08 6.67 17.53 13.68	11.00 11.85 11.65 10.50 7.22a 17.26a 15.55	80 90 86 86 92 102 88		
JORDAN RIVER & TOOELE VAL	JORDAN RIVER & TOOELE VALLEY								
Middle Canyon Mt. Dell Dam (2) Parley's Canyon Smt. Silver Lake(Brighton)(2)	7000 5500 7500 8725	1/28 1/31 1/29 1/31	1.02 0.81 2.41 2.61	3.10 2.15a 4.05 5.39a	8.72 7.44 9.74 16.35	11.30 8.26a 13.50 18.37a	77 90 72 89		
SEVIER RIVER ABOVE RICHFI	ELD								
Big Flat Cedar Breaks Duck Creek R.S. Webster Flat* Widtsoe-Escalante #3 Widtsoe R.S.	10290 10390 8560 9200 9500 7600	1/27 1/28 1/31 1/31 1/31 1/31	3.43 1.70 4.21 1.54 0.67	 3.65 4.00 1.95 0.75a	8.85 15.85 17.02 18.56 9.40 3.30	11.20 13.55 12.00 12.90 8.20 3.46a	79 117 142 144 115 95		
SEVIER RIVER BELOW RICHFIELD (Including San Pitch River)									
Farnsworth Lake G.B.R.C. Headquarters(1) G.B.R.C. Meadows(1) G.B.R.C. Oaks (1) Gooseberry R.S. (1) Gooseberry Reservoir* Mammoth R.S. #2* Shingle Mill	9900 8700 10000 76 <i>55</i> 7800 8700 8600 6200	1/27 1/28 1/28 1/28 1/27 1/26 1/26 1/28	0.91 1.38 2.63	1.85 3.60 3.55	9.94 4.72 4.99 9.77 9.67	11.15 11.16a 12.31a 7.73a 7.65 11.75 11.65 9.05	58 65 81 61 65 83 83 72		
BEAVER RIVER		,				- 0-			
Beaver Canyon P.H. (2) Big Flat Merchant Valley	7275 10290 86 <i>5</i> 0	1/31 1/27 1/27	1.07 			5.87a 11.20	91 79 		
COAL CREEK		, -			4.5.0				
Cedar Breaks Webster Flat*	10390 9200	1/28 1/31	3.43 4.21		15.85 18.56	13.55 12.90	117 144		
PAROWAN CREEK									
Tall Poles Yankee Reservoir		1/28 1/28	2.37 1.88		8.98 7.44	 7.35	101		

⁽¹⁾ Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.



PRECIPITATION DATA (Inches)

Colorado River Colorado Col	THEORITATION DATA (IIIOII037		7							
COLORADO RIVER DRAINAGE		ELEVATION					1			
### Company of the part of the	AND WAIT GAGE ECCATION		READING F			THIS YEAR				
### Company of the part of the										
### Creek 7900 1/31 1.52 5.12		COLO	RADO RIVER	R DRAIN	AGE					
### Creek 7900 1/31 1.52 5.12	UPPER GREEN RIVER IN UTAH									
Burnt Creek 7900 1/31 1.52 5.12										
GREEN RIVER TRIBUTARIES BETWEEN FLAMING GORGE & DUCHESNE RIVER Grizzly Ridge 8500 1/31 1.54 - 8.83 DUCHESNE RIVER Daniels-Strawberry Smt.* 8000 1/27 1.26 3.50 10.61 11.85 90 East Portal Ridge* 7800 1/31 2.25 - 10.07 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Julius Park 9800 No Report 2.40 9.80 Lakefork Mountain 10500 2/1 8.63 9.15 94 Moon Lake 8150 1/30 0.05 1.67a 6.05 5.92a 102 Mosby Mountain 9500 1/28 7.32 Paradise Park 10100 No Report 2.85 10.50 Soapstone R.S.* 7800 1/28 1.80 3.15 9.08 10.50 86 Strawberry ResE.Portal* 7606 1/31 1.25 2.24a 6.67 7.22a 92 Trial Lake* 9800 1/28 2.43 4.50 13.68 15.55 88 PRICE RIVER Clear Creek Ridge #2* 8000 1/26 8.75 11.00 80 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Mammoth R.S. #2 8600 1/26 3.03 3.55 9.67 11.65 83 Mud Creek 8300 1/27 1.45 3.15 7.95 10.30 77 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 G.B.R.C. Meadows*(1) 10000 1/28 2.15 3.56a 9.94 12.31a 81 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Orange Olsen 1/31 3.95 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 G.B.R.C. Meadows*(1) 10000 1/28 2.15 3.56a 9.94 12.31a 81 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Orange Olsen 1/31 3.95 Red Pine Ridge 9400 1/31 3.95 FREMONT & ESCALANTE RIVERS Farnsworth Lake* 9900 1/27 1.84 3.15 6.52 11.15 58 Widtsoe-Escalante #3 9500 1/31 1.54 1.95 9.40 8.20 115										
### FLAMING GORGE & DUCHESNE RIVER Grizzly Ridge	Burnt Creek	7900	1/31	1.52		5.12				
### FLAMING GORGE & DUCHESNE RIVER Grizzly Ridge										
DUCHESNE RIVER										
DUCHESNE RIVER Daniels-Strawberry Smt.* 8000	FLAMING GORGE & DUCHESNE RIVER									
DUCHESNE RIVER Daniels-Strawberry Smt.* 8000	Grizzly Ridge	8500	1/31	1.54		8.83				
Daniels-Strawberry Smt.* 8000	ar rege	0,00	., 5.			0.07				
East Portal Ridge* 7800 1/31 2.25 10.07 1- 101an Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Julius Park 9800 No Report 2.40 9.80 Lakefork Mountain 10500 2/1 8.63 9.15 94 Moon Lake 8150 1/30 0.05 1.67a 6.05 5.92a 102 Mosby Mountain 9500 1/28 7.32 Paradise Park 10100 No Report 2.85 10.50 Soapstone R.S.* 7800 1/28 1.80 3.15 9.08 10.50 86 Strawberry ResE.Portal* 7606 1/31 1.25 2.24a 6.67 7.22a 92 Trial Lake* 9800 1/28 2.43 4.50 13.68 15.55 88 PRICE RIVER Clear Creek Ridge #2* 8000 1/26 8.75 11.00 80 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Mammoth R.S. #2 8600 1/26 3.03 3.55 9.67 11.65 83 Mud Creek 8300 1/27 1.45 3.15 7.95 10.30 77 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 6.58 R.C. Meadows*(1) 10000 1/28 2.15 3.56a 9.94 12.31a 81 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Orange Olsen 1/31 3.95 Red Pine Ridge 9400 1/31 9.80 12.10 81 FREMONT & ESCALANTE RIVERS Farnsworth Lake* 9900 1/27 1.84 3.15 6.52 11.15 58 Widtsoe-Escalante #3 9500 1/31 1.54 1.95 9.40 8.20 115	DUCHESNE RIVER									
East Portal Ridge* 7800 1/31 2.25 10.07 1- 101an Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Julius Park 9800 No Report 2.40 9.80 Lakefork Mountain 10500 2/1 8.63 9.15 94 Moon Lake 8150 1/30 0.05 1.67a 6.05 5.92a 102 Mosby Mountain 9500 1/28 7.32 Paradise Park 10100 No Report 2.85 10.50 Soapstone R.S.* 7800 1/28 1.80 3.15 9.08 10.50 86 Strawberry ResE.Portal* 7606 1/31 1.25 2.24a 6.67 7.22a 92 Trial Lake* 9800 1/28 2.43 4.50 13.68 15.55 88 PRICE RIVER Clear Creek Ridge #2* 8000 1/26 8.75 11.00 80 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Mammoth R.S. #2 8600 1/26 3.03 3.55 9.67 11.65 83 Mud Creek 8300 1/27 1.45 3.15 7.95 10.30 77 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 6.58 R.C. Meadows*(1) 10000 1/28 2.15 3.56a 9.94 12.31a 81 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Orange Olsen 1/31 3.95 Red Pine Ridge 9400 1/31 9.80 12.10 81 FREMONT & ESCALANTE RIVERS Farnsworth Lake* 9900 1/27 1.84 3.15 6.52 11.15 58 Widtsoe-Escalante #3 9500 1/31 1.54 1.95 9.40 8.20 115	event for all death these for an input seem that the final death and for all they did not be seen									
Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Julius Park 9800 No Report 2.40 9.80 9.80 Lakefork Mountain 10500 2/1 8.63 9.15 94 Moon Lake 8150 1/30 0.05 1.67a 6.05 5.92a 102 Mosby Mountain 9500 1/28 7.32 Paradise Park 10100 No Report 2.85 10.50 Soapstone R.S.* 7800 1/28 1.80 3.15 9.08 10.50 86 Strawberry ResE.Portal* 7606 1/31 1.25 2.24a 6.67 7.22a 92 Trial Lake* 9800 1/28 2.43 4.50 13.68 15.55 88 PRICE RIVER Clear Creek Ridge #2* 8000 1/26 8.75 11.00 80 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Mammoth R.S. #2 8600 1/26 3.03 3.55 9.67 11.65 83 Mud Creek 8300 1/27 1.45 3.15 7.95 10.30 77 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 G.B.R.C. Meadows*(1) 10000 1/28 2.15 3.56a 9.94 12.31a 81 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Orange 01sen 1/31 3.95 Red Pine Ridge 9400 1/31 9.80 12.10 81 FREMONT & ESCALANTE RIVERS Farnsworth Lake* 9900 1/27 1.84 3.15 6.52 11.15 58 Widtsoe-Escalante #3 9500 1/31 1.54 1.95 9.40 8.20 115							11.85	90		
Julius Park 9800 No Report 2.40 9.80 Lakefork Mountain 10500 2/1 8.63 9.15 94 Moon Lake 8150 1/30 0.05 1.67a 6.05 5.92a 102 Mosby Mountain 9500 1/28 7.32 Paradise Park 10100 No Report 2.85 10.50 Soapstone R.S.* 7800 1/28 1.80 3.15 9.08 10.50 86 Strawberry ResE.Portal* 7606 1/31 1.25 2.24a 6.67 7.22a 92 Trial Lake* 9800 1/28 2.43 4.50 13.68 15.55 88 PRICE RIVER Clear Creek Ridge #2* 8000 1/26 2.63 3.60 9.77 11.75 83 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Mammoth R.S. #2 8600 1/26 3.03 3.55 9.67 11.65 83 Mud Creek 8300 1/27 1.45 3.15 7.95 10.30 77 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 G.B.R.C. Meadows*(1) 10000 1/28 2.15 3.56a 9.94 12.31a 81 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Orange Olsen 1/31 3.95 Red Pine Ridge 9400 1/31 9.80 12.10 81 FREMONT & ESCALANTE RIVERS Farnsworth Lake* 9900 1/27 1.84 3.15 6.52 11.15 58 Widtsoe-Escalante #3 9500 1/31 1.54 1.95 9.40 8.20 115	2	•				•				
Lakefork Mountain 10500 2/1 8.63 9.15 94 Moon Lake 8150 1/30 0.05 1.67a 6.05 5.92a 102 Mosby Mountain 9500 1/28 7.32 Paradise Park 10100 No Report 2.85 10.50 Soapstone R.S.* 7800 1/28 1.80 3.15 9.08 10.50 86 Strawberry ResE.Portal* 7606 1/31 1.25 2.24a 6.67 7.22a 92 Trial Lake* 9800 1/28 2.43 4.50 13.68 15.55 88 PRICE RIVER Clear Creek Ridge #2* 8000 1/26 2.63 3.60 9.77 11.75 83 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Mammoth R.S. #2 8600 1/26 3.03 3.55 9.67 11.65 83 Mud Creek 8300 1/27 1.45 3.15 7.95 10.30 77 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 G.B.R.C. Meadows*(1) 10000 1/28 2.15 3.56a 9.94 12.31a 81 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Orange Olsen 1/31 3.95 Red Pine Ridge 9400 1/31 9.80 12.10 81 FREMONT & ESCALANTE RIVERS Farnsworth Lake* 9900 1/27 1.84 3.15 6.52 11.15 58 Widtsoe-Escalante #3 9500 1/31 1.54 1.95 9.40 8.20 115	•	-				10.84	-	107		
Moon Lake 8150 1/30 0.05 1.67a 6.05 5.92a 102 Mosby Mountain 9500 1/28 7.32 7.32 7.32 7.32 7.32 7.32		-		t		0 (0	-			
Mosby Mountain 9500 1/28 7.32 Paradise Park 10100 No Report 2.85 10.50 Soapstone R.S.* 7800 1/28 1.80 3.15 9.08 10.50 86 Strawberry ResE.Portal* 7606 1/31 1.25 2.24a 6.67 7.22a 92 Trial Lake* 9800 1/28 2.43 4.50 13.68 15.55 88 PRICE RIVER Clear Creek Ridge #2* 8000 1/26 8.75 11.00 80 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Mammoth R.S. #2 8600 1/26 3.03 3.55 9.67 11.65 83 Mud Creek 8300 1/27 1.45 3.15 7.95 10.30 77 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 G.B.R.C. Meadows*(1) 10000 1/28 2.15 3.56a 9.94 12.31a 81 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Orange Olsen 1/31 3.95 Red Pine Ridge 9400 1/31 9.80 12.10 81 FREMONT & ESCALANTE RIVERS Farnsworth Lake* 9900 1/27 1.84 3.15 6.52 11.15 58 Widtsoe-Escalante #3 9500 1/31 1.54 1.95 9.40 8.20 115		-				_	-	-		
Paradise Park 10100 No Report 2.85 10.50 86 Soapstone R.S.* 7800 1/28 1.80 3.15 9.08 10.50 86 Strawberry ResE.Portal* 7606 1/31 1.25 2.24a 6.67 7.22a 92 Trial Lake* 9800 1/28 2.43 4.50 13.68 15.55 88 PRICE RIVER Clear Creek Ridge #2* 8000 1/26 8.75 11.00 80 Gosseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Mammoth R.S. #2 8600 1/26 3.03 3.55 9.67 11.65 83 Mud Creek 8300 1/27 1.45 3.15 7.95 10.30 77 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 G.B.R.C. Meadows*(1) 10000 1/28				0.05		-		102		
Soapstone R.S.* 7800 1/28 1.80 3.15 9.08 10.50 86			,	- -		/ • 32				
Strawberry ResE.Portal* 7606 1/31 1.25 2.24a 6.67 7.22a 92					-	9 08	-	86		
Trial Lake* 9800 1/28 2.43 4.50 13.68 15.55 88 PRICE RIVER Clear Creek Ridge #2* 8000 1/26 8.75 11.00 80 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Indian Canyon 9100 1/28 0.50 3.35 10.84 10.15 107 Mammoth R.S. #2 8600 1/26 3.03 3.55 9.67 11.65 83 Mud Creek 8300 1/27 1.45 3.15 7.95 10.30 77 SAN RAFAEL RIVER Buck Flat 9400 1/26 7.60 10.15 75 G.B.R.C. Meadows*(1) 10000 1/28 2.15 3.56a 9.94 12.31a 81 Gooseberry Reservoir 8700 1/26 2.63 3.60 9.77 11.75 83 Orange Olsen 1/31 - 9					-	-				
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Widtsoe-Escalante #3 9500 1/31 1.54 1.95 9.40 8.20 115	Farnsworth Lake*	9900	1/27	1.84	3.15	6.52	11.15	58		
VIRGIN RIVER	Widtsoe-Escalante #3	9500	1/31	1.54	1.95	9.40	8.20	115		
VIRGIN RIVER										
	VIRGIN RIVER									
Bluck Creek R.S. 8560 1/31 1.70 3.65 17.02 12.00 142	Buck Creek R.S.	8560	1/31	1.70	3.65	17.02	12.00	142		
Webster Flat 9200 1/31 4.21 4.00 18.56 12.90 144	Webster Flat	9200		4.21	4.00	18.56	12.90	144		

⁽¹⁾ Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.



Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

- U.S. Department of Agriculture Soil Conservation Service Forest Service
- U.S. Department of Commerce Weather Bureau
- U.S. Department of Interior
 Bureau of Reclamation
 Geological Survey
 National Park Service

STATE AGENCIES

Utah Agricultural Experiment Station
Utah Fish and Game Department
Utah State Engineer
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

UNITED STATES DEPARTMENT OF AGRICULTURE FEDERAL BLDG. -- ROOM 4012 SALT LAKE CITY, UTAH 84111 SOIL CONSERVATION SERVICE

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